

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/039624 A1

(51) International Patent Classification⁷: A61K 38/25, A61P 3/10

(21) International Application Number:
PCT/CA2004/001858

(22) International Filing Date: 22 October 2004 (22.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/513,540 24 October 2003 (24.10.2003) US

(71) Applicant (for all designated States except US): THERATECHNOLOGIES INC. [CA/CA]; 2310, boulevard Alfred-Nobel, Saint-Laurent, Quebec H4S 2A4 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GHIGO, Ezio [IT/IT]; D'Azeglio 22, I-10125 Torino (IT). VAN DER LELY, Aart, Jan [NL/NL]; Papavertuin 14, NL-2662 CW Bergschenhoek (NL).

(74) Agent: Smart & Biggar; 1000 Rue de la Gauchetière Ouest, Suite 3300, Montreal, Quebec H3B 4W5 (CA).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: USE OF GHRELIN AND UNACYLATED GHRELIN COMPOSITIONS IN INSULIN-RELATED DISEASE CONDITIONS

(57) Abstract: A novel combination of ghrelin and unacylated ghrelin is described herein. Methods of administering and uses of this combination to alter an insulin-associated parameter are also described. Compositions and packages containing ghrelin and/or one of its analogs and nonacylated ghrelin and/or one of its analogs as well as the uses of such compositions in providing therapeutic benefit to human patients diagnosed with for example insulin resistance, diabetes and obesity are described.

WO 2005/039624 A1